

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	behavior same personality same document\$1	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L2	992	xml and (legacy same (convert\$ integrat\$)) and (internet web)	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L3	812	L2 and document\$1	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L4	321	L3 and (instruction\$1 same (processing translat\$))	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L5	304	L4 and network	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L6	122	L4 and (software with object\$1)	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L7	74	L6 and parser	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L8	4	L7 and xslt	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L9	74	L6 and parser	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L10	343	(web with server with legacy)	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L11	73	(web with server with legacy with (integrat\$ convert\$))	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L12	44	L11 and xml	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L13	1653	(document with processing with instruction\$1)	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L14	5	L13 with (incoming with document\$1)	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L15	55	xml with instruction\$1 with translat\$	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L16	5	L15 and legacy	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L17	167	(legacy with data) same internet same (convert\$ or integrat\$)	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L18	69	L17 and xml	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L19	42	L18 and translat\$	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L20	4	(US-20020107754-\$ or US-20020091818-\$ or US-20020069227-\$ or US-20020069196-\$).did. or (US-6810429-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58

L21	2	L20 and (instruction\$1 with (selection processing))	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L22	0	(US-6810429-\$).did.	USPAT	OR	OFF	2006/01/07 10:58
L23	0	L22 and (rule\$1 instruction\$1)	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L24	11131	(document\$1 with instruction\$1)	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L25	441	((legacy with system) same (integrat\$ convert\$)) and xml	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L26	59	L25 and ((instruction\$1 rule\$1) same templat\$)	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L27	43	L26 and translat\$	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L28	39	L27 and network	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L29	29	L28 and (software with object\$1)	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L30	27	("20030037181"   "20030120639"   "5848426"   "5870605"   "5940075"   "5996012"   "6012098"   "6016501"   "6065039"   "6178461"   "6192370"   "6226666"   "6233601"   "6253239"   "6334146"   "6336124"   "6345259"   "6356905"   "6397232"   "6401132"   "6424979"   "6446110"   "6480860"   "6513059"   "6519653"   "6585778"   "6678715").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/07 10:58
L31	0	("6810429").URPN.	USPAT	OR	OFF	2006/01/07 10:58
L32	1	("6397232").PN.	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L33	10	("5299304"   "5713014"   "5911776"   "5970490"   "6012098"   "6151608"   "6236997"   "6263332"   "6324568"   "6336124").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/07 10:58
L34	2754	xml and legacy	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L35	1	(US-20020091818-\$).did.	US-PGPUB	OR	OFF	2006/01/07 10:58
L36	1	L35 and (transform\$ translat\$) and (rule\$1 instruct\$)	US-PGPUB	OR	OFF	2006/01/07 10:58
L37	1	L36 and select\$	US-PGPUB	OR	OFF	2006/01/07 10:58
L38	1	L37 and xml	US-PGPUB	OR	OFF	2006/01/07 10:58
L39	1	L38 and object	US-PGPUB	OR	OFF	2006/01/07 10:58

L40	5	(US-20020069196-\$ or US-20020069227-\$ or US-20020091818-\$ or US-20020107754-\$).did. or (US-6397232-\$ or US-6810429-\$). did.	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L41	3	L40 and pars\$	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L42	1	L35 and network	US-PGPUB	OR	OFF	2006/01/07 10:58
L43	1	(US-20020091818-\$).did.	US-PGPUB	OR	OFF	2006/01/07 10:58
L44	1	L43 and (incoming with document\$1)	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L45	1	(US-20020091818-\$).did.	US-PGPUB	OR	OFF	2006/01/07 10:58
L46	1	L45 and (rule\$1 same xml)	US-PGPUB	OR	OFF	2006/01/07 10:58
L47	6	(US-20020069196-\$ or US-20020069227-\$ or US-20020091818-\$ or US-20020107754-\$).did. or (US-6397232-\$ or US-6810429-\$). did.	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L48	0	L47 and xpath	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L49	3	xpath same legacy same document\$1	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L50	5	xpath same legacy	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L51	1	("6810429").PN.	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L52	0	L51 and xpath	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L53	130	legacy and xpath and document\$1	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L54	603	legacy same xml	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L55	66	L54 and xpath	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L56	1	(US-20020091818-\$).did.	US-PGPUB	OR	OFF	2006/01/07 10:58
L57	1	L56 and rout\$	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58
L58	1	L56 and format\$	US-PGPUB; USPAT	OR	OFF	2006/01/07 10:58


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# 1 [Vinci: a service-oriented architecture for rapid development of web applications](#)



Rakesh Agrawal, Roberto J. Bayardo, Daniel Gruhl, Spiros Papadimitriou

April 2001 **Proceedings of the 10th international conference on World Wide Web**

Publisher: ACM Press

Full text available: [pdf\(472.82 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

# 2 [An XML framework for agent-based E-commerce](#)



Robert J. Glushko, Jay M. Tenenbaum, Bart Meltzer

March 1999 **Communications of the ACM**, Volume 42 Issue 3

Publisher: ACM Press

Full text available: [pdf\(277.43 KB\)](#) [html\(33.22 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

# 3 [Managing the software design documents with XML](#)



Junichi Suzuki, Yoshikazu Yamamoto

September 1998 **Proceedings of the 16th annual international conference on Computer documentation**

Publisher: ACM Press

Full text available: [pdf\(1.09 MB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)**Keywords:** CASE data interchange, UML, XML, software model interchange

# 4 [The state of the art in distributed query processing](#)



Donald Kossmann

December 2000 **ACM Computing Surveys (CSUR)**, Volume 32 Issue 4

Publisher: ACM Press

Full text available: [pdf\(455.39 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Distributed data processing is becoming a reality. Businesses want to do it for many

reasons, and they often must do it in order to stay competitive. While much of the infrastructure for distributed data processing is already there (e.g., modern network technology), a number of issues make distributed data processing still a complex undertaking: (1) distributed systems can become very large, involving thousands of heterogeneous sites including PCs and mainframe server machines; (2) the stat ...

**Keywords:** caching, client-server databases, database application systems, dissemination-based information systems, economic models for query processing, middleware, multitier architectures, query execution, query optimization, replication, wrappers

##### 5 The other formalization of law: SGML modelling and tagging



Daniel Poulin, Guy Huard, Alain Lavoie

June 1997 **Proceedings of the 6th international conference on Artificial intelligence and law**

**Publisher:** ACM Press

Full text available: pdf(1.03 MB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** SGML, information searching, intelligent law information systems, law information systems

##### 6 Supporting software engineering with open hypermedia



Kenneth M. Anderson

December 1999 **ACM Computing Surveys (CSUR)**

**Publisher:** ACM Press

Full text available: pdf(25.38 KB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** case study, open hypermedia, software engineering

##### 7 WebViews: accessing personalized web content and services



Juliana Freire, Bharat Kumar, Daniel Lieuwen

April 2001 **Proceedings of the 10th international conference on World Wide Web**

**Publisher:** ACM Press

Full text available: pdf(305.83 KB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** Web clipping, content transcoding, dynamic content, electronic commerce, information delivery, personalization, smart bookmarks, voice interfaces, wrappers

##### 8 Personalizing E-commerce applications with on-line heuristic decision making



Vinod Anupam, Richard Hull, Bharat Kumar

April 2001 **Proceedings of the 10th international conference on World Wide Web**

**Publisher:** ACM Press

Full text available: pdf(261.12 KB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** B2C E-commerce, personalization, pro-active intervention, vortex rules system

## 9 Evolutionary design of complex software (EDCS) demonstration days 1999



Wayne Stidolph

January 2000 **ACM SIGSOFT Software Engineering Notes**, Volume 25 Issue 1

**Publisher:** ACM Press

Full text available: [pdf\(1.90 MB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

This report summarizes the Product/Technology demonstrations given at Defense Advanced Research Projects Agency (DARPA) Evolutionary Design of Complex Software (EDCS) Program Demonstration Days, held 28-29 June 1999 at the Sheraton National Hotel, Arlington, VA.



## 10 Unifying heterogeneous information models



Narinder Singh

May 1998 **Communications of the ACM**, Volume 41 Issue 5

**Publisher:** ACM Press

Full text available: [pdf\(336.15 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#), [review](#)



## 11 A mediation infrastructure for digital library services



Sergey Melnik, Hector Garcia-Molina, Andreas Paepcke

June 2000 **Proceedings of the fifth ACM conference on Digital libraries**

**Publisher:** ACM Press

Full text available: [pdf\(155.30 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Digital library mediators allow interoperation between diverse information services. In this paper we describe a flexible and dynamic mediator infrastructure that allows mediators to be composed from a set of modules ("blades"). Each module implements a particular mediation function, such as protocol translation, query translation, or result merging. All the information used by the mediator, including the mediator logic itself, is represented by an RDF graph. We i ...

**Keywords:** component design, interoperability, mediator, wrapper



## 12 SI in digital libraries



Nabil R. Adam, Vijayalakshmi Atluri, Igg Adiwijaya

June 2000 **Communications of the ACM**, Volume 43 Issue 6

**Publisher:** ACM Press

Full text available: [pdf\(145.60 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#), [html\(44.09 KB\)](#) [review](#)



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